

## CAST Base

Part No. CA408



### Overview

- Compatible with C-TEC's entire range of CAST addressable detectors.
- Third-party LPCB certified to the relevant parts of EN54 in conjunction with our CAST detectors.
- Easy to fit with lots of working space.
- Can be ceiling mounted in any orientation due to the true 360° degree viewing angle of the LED indicator strips on all CAST detectors.
- Integrated detector/base locking mechanism, head removal tool and ID tag.
- Simple 'click and twist' design.
- Also compatible with many of C-TEC's CAST protocol sounder VADs.
- Remote LED terminals for the optional connection to a BF318 Remote indicator.
- Optional CA408R relay base also available.



### More Information

'CAST' is the world's most-advanced 'distributed intelligence' fire alarm system protocol. Conceived, designed and realised by C-TEC as part of a five-year, multi-million pound project, it involved the creation of a powerful proprietary communication protocol (C-TEC Addressable System Technology, CAST) and multiple control panels & field devices. Key features include: • 255 devices per loop. • Autonomous decision-making for faster response times. • Multiple type codes. • 40V loop drive voltage. • Two 'soft' addressing options - automatic via the panel or manual via a powerful handheld programmer. • Powerful multi-level addressing facilitates easy device addition and swapped device identification. • Multiple functionality at a single address (integrated devices) - due 2019. • Volumes, tones & detector modes can be changed at compatible panels. • High-speed data transmission and robust data transfer. • Intrinsically EN54-13 compliant. • Provides geographical location of short and open circuit faults (a short circuit isolator is included as standard in every CAST field device). • Replace device function. • Flashing and non-flashing polling LED option. • Future seamless integration with other CAST life safety systems reducing energy, servicing, installation and repair costs. • Designed and manufactured in the UK.



## Technical Specifications

|                          |   |
|--------------------------|---|
| Approvals/certifications | Certified to the relevant parts of EN54 by the LPCB as part of our CAST fire detector certifications.   |
| Supply wiring            | 2-wire monitored, polarity sensitive.   |
| Connections              | (1) +V In, analogue switch; (2) +V Out, analogue switch; (3) Remote LED +V; (4) 0V; (5) 0V; (6) Screen; (7) Screen.<br>Terminals can accept up to 2.5mm fire rated cable. |
| Product dimensions (mm)  | 102.2mm diameter x 20.5mm deep.   |
| Construction & finish    | White polycarbonate rated to UL94 V-2 with bright tin plated steel terminals fitted with nickel plated steel screws/washers.  |
| IP Rating                | IP42.   |
| Weight                   | 55g.  |



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